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NEPTUNE.

1896.	R. A.		Declination.		Rises.		Transits.		Sets.	
	H.	M.	°	'	H.	M.	H.	M.	H.	M.
Aug. 1.	5	15	+ 21	40	1	15 A.M.	8	33 A.M.	3	51 P.M.
11.	5	16	+ 21	41	12	37	7	55	3	13
21.	5	17	+ 21	41	11	58 P.M.	7	16	2	34
31.	5	18	+ 21	42	11	20	6	38	1	56

(TWENTY-SECOND) AWARD OF THE DONOHUE
COMET-MEDAL.

The Comet-Medal of the Astronomical Society of the Pacific has been awarded to Mr. C. D. PERRINE, Assistant Astronomer in the LICK Observatory, for his discovery of an unexpected comet on February 15, 1896.

The Committee on the Comet-Medal,

EDWARD S. HOLDEN,
J. M. SCHAEBERLE,
W. W. CAMPBELL.

April 15, 1896.

REPORTED VOLCANIC ERUPTIONS.

FROM RECORD IN OFFICE OF FREDERICK G. PLUMMER, C. E.,
TACOMA, WASH.

TACOMA, Wash., March 13, 1896.

PROF. E. S. HOLDEN, Director LICK Observatory, Cal.

Sir:—The matter contained in my letter of March 3d also applies to the table of reported volcanic eruptions submitted herewith.

There can be no doubt that many eruptions are reported which might be contradicted if examination were possible. For example, the reports of the eruption and change in the summit of Mount Tacoma from November 21 to December 25, 1894, filled many columns of the press dispatches, and possibly were intended for that purpose. December 25th was the most perfect day for observation, and, with my 6½-inch refractor, the crater-

peak and its surroundings were carefully examined, and no change could be seen. No eruption was noted, other than the usual emission of steam, which varies with the barometer. However, reports came in later from a press party, which claimed to have reached the slope of the mountain, and witnessed an eruption of smoke. The party was about five miles from the summit, and my telescope, with low power, brought the summit within half a mile. Although this was the clearest and most definite report of eruption, yet it is so flatly contradicted by the continuous telescopic observations and the later examinations of climbers, that it is omitted from the table.

Very truly,

FRED. G. PLUMMER.

DATE OF BEGINNING.		NAME OF VOLCANO.	DURATION OF ERUPTION.	PHENOMENA.
Year.	Day.			
1690	Khaginak.....A.	.....	A crater formed.
1700	On Amak Island..A.	10 years	Occasionally active.
1741	Hiamna.....A.	.....	.....
1760	Adakh.....A.	.....	.....
1760	Goreloi.....A.	.....	.....
1760	Chechitno.....A.	.....	.....
1760	Atka.....A.	.....	.....
1760	Koniushi.....A.	.....	Island rose.
1762	Pavloff.....A.	.....	.....
1763	Tanaga.....A.	7 years	.....
1763	Kanaga.....A.	.....	Solfataras.
1768	Unalashka.....A.	.....	.....
1768	Medviednikoff...A.	.....	.....
1768	Walrus.....A.	.....	.....
1770	Amukhta.....A.	.....	.....
1774	Four Craters...A.	.....	.....
1775	Calder.....A.	.....	.....
1775	Unimak.....A.	3 years	Flames and smoke.
1775	July	Sitignak.....A.	.....	Flames and smoke.
1778	Iliamna.....A.	92 years	Occasionally smoke.
1778	Shishaldin.....A.	.....	.....
1784	Vsevidoff.....A.	.....	.....
1784	July	Chechitno.....A.	.....	.....
1786	Seguam.....A.	4 years	.....
1786	Amukhta.....A.	5 years	.....
1786	Kanaga.....A.	.....	Flames and smoke.
1786	Pavloff.....A.	.....	North crater fell in.
1790	Akutan.....A.	.....	.....
1790	Vsevidoff.....A.	.....	.....
1790	Kanaga.....A.	.....	.....
1790	Semisphnoi.....A.	.....	.....
1790	Makushin.....A.	2 years	Occasionally smoke.
1790	Shishaldin.....A.	35 years	Occasionally smoke.
1791	June	Tanaga.....A.	.....	.....
1791	June	Kanaga.....A.	.....	.....
1792	Great Sitkin...A.	.....	.....
1792	February ?	Goreloi.....A.	4 months	Flames.
1792	June 1	Semisopochnoi..A.	.....	.....
1795	Unimak.....A.	.....	SW. crater exploded and fell in.
1796	Edgecombe.....A.	.....	.....
1796	May	Bogoslov.....A.	.....	Terrible eruption of flames.
1796	Four Craters...A.	4 years	.....
1796	Amak.....A.	.....	.....
1802	Makushin.....A.	.....	Flames and smoke.
1806	Bogoslov.....A.	.....	Lava flow.
1812	Sarycheff.....A.	.....	Violent eruption.

DATE OF BEGINNING.		NAME OF VOLCANO.	DURATION OF ERUPTION.	PHENOMENA.
Year.	Day.			
1817	April	Yunaska A.		
1817		Umnak A.		
1819		Wrangell A.		
1819		Redoubt A.		
1820		Bogoslov. A.		
1824		Shisldin A.		
1824		Yunaska A.		
1825	March 10	Isanotski A.		
1826	October 11	Unimak A.		
1827		Shisldin A.	3 years	
1827		Pogrumnoi A.	2 years	
1827		Koniushi A.		
1827		Kanaga A.		
1828		Little Sitkin A.	2 years	
1828		Akhun A.	2 years	
1828		Akutan A.	2 years	
1828		Tanak-Angunakh. A.	2 years	
1828		Atka A.	2 years	
1828		Koniushi A.	2 years	
1828		Goreloi. A.	2 years	
1830		Korovin. A.		
1830		Atka A.		
1830		Yunaska A.		
1830		Umnak. A.		
1830	November	Unimak A.		Violent eruption.
1830		Veniaminoff A.		
1831		St. Helens W.	12 hours	
1831		Hood O.		
1832		St. Helens W.		
1838		Shishaldin A.		Flames.
1838		Four Craters. A.		
1838		Makushin A.		
1838		Akutan A.		
1838		Veniaminoff A.		
1838		Pavloff A.		
1839		St. Elias A.		
1840		Cinder Cone A.		Cinders.
1841		Tacoma W.		
1841		St. Helens W.		
1842		St. Helens W.	2 months	Smoke and light ashes.
1842		Baker W.		
1843	November 13	St. Helens W.	10 days	Flames and light ashes.
1843	November 13	Tacoma W.		
1843	December ?	St. Helens W.	85 days	
1844		Korovin. A.		
1844		Makushin A.		
1846		Hood O.		
1846		St. Helens W.		
1846		Baker W.		
1847		Baker W.		
1852		St. Helens W.		
1853	January	Baker W.		Slight lava flow.
1854	February	St. Helens W.	70 days	
1854	August	Hood O.		
1854	Summer	Baker W.		Smoke and ashes.
1859	August 15	Hood. O.	2 days	
1850		Baker W.		
1860		Baker W.		
1861		Olympus W.		
1865		Shishaldin A.		
1865		Makushin A.		
1865	September 23	Hood O.	15 days	
1869		Hood O.	3 hours	
1873	Oct. 19, 4 P.M.	Tacoma W.	7 days	
1880	May	Tacoma W.		
1880	December	Baker W.		
1884	June 16	Tacoma W.	2 hours	Steam.
1891	Autumn	Baker W.		
1891	August 2	Chimnev Peak C.		
1891		Hozomeen W.		Flame and smoke.
1892	August 27	Veniaminoff. A.	3 days	
1892		Bogoslov. A.		
1893	March 9	Olympus W.		
1894	January 17	Jefferson. O.		Smoke and steam.
1895	Autumn	Bogoslov. A.		Flames and smoke.